ELSEVIER

Fluid Phase Equilibria 101 (1994) 269

FLUID PHASE EQUILIBRIA

# Subject Index

Acentric factor, 1
Alkanes, 89
Ammonia, 89
Application, 3, 101, 187
Aqueous two-phase systems, 211
Associated, 227

Benzene, 69
Benzene–*n*-heptane–ethanol system, 259
Binary mixtures, 89

Corresponding-states, 101
Critical, 89
Cubic, 187

Data, 211, 227, 247
Dipeptides, 211

Electrolytes, 121, 211
Electrostatic potential difference, 211
Empirical, 53, 69, 187
Equation of state, 1, 3, 137, 187, 237
Ethane, 247
Excess functions, 27, 187, 227
Experimental, 259
Experiments, 211, 227, 237, 247

Gases, 89
Gas phase, 69
Group contribution, 101, 157, 187

Heilig–Franck equation of state, 89
High-pressure VLE, 237
Hydrocarbons, 53, 227

Interaction parameter, 53

Liquid–liquid equilibria, 27, 89, 247
Local composition, 27

Methods of calculation, 53, 101
Mixing rules, 137, 187, 237

Nitrogen, 53
Non-polar, 3, 27, 101

Partition coefficient, 211
Perturbation theory, 121
Perturbed hard-sphere, 137
Polar, 3, 27, 101
Polymers, 3, 211
Propane, 247

RISM, 157

Shape factor, 1
Solid–supercritical fluid equilibria, 137
Statistical mechanics, 121, 157
Structure, 157
Sunflower oil, 247

Ternary azeotrope, 259
Theory, 3, 27, 53, 69, 89, 101, 121, 137, 157, 187, 211
Thermodynamics, 157
Three-phase region, 237

Vapor–liquid equilibria, 3, 137
Vapor pressure, 101
VLE high pressure, 247
VLE low pressure, 227

0378-3812/94/$07.00 © 1994 – Elsevier Science B.V. All rights reserved

ELSEVIER

Fluid Phase Equilibria 101 (1994) 270

FLUID PHASE EQUILIBRIA

# Author Index

Acree, Jr., W.E., 267
Aly, G., 137
Ashour, I., 137
Avlonitis, G., 53

Bottini, S.B., 247
Boukouvalas, C., 187
Brignole, E.A., 247
Bringmann, J., 211

Chen, G., 259
Chen, Y.P., 3
Cong, L.Z., 101
Craven, R.J.B., 69

de la Fuente, J.C., 247
de Reuck, K.M., 69

Elhassan, A.E., 69

Garriga, R., 227
Gracia, M., 227

Han, S., 259
Huang, J.-F., 27

Keil, B., 211
Kim, J.S., 237
Kvamme, B., 157

Lee, H., 237
Lee, L.-S., 27
Leibovici, C.F., 1
Li, P., 101
Li, Y., 121
Lu, J., 121

Ma, P.S., 101
Mabe, G.D., 247
Mourikas, G., 53

Pérez, P., 227
Pfennig, A., 211

Sadus, R.J., 89
Sánchez, F., 227
Spiliotis, N., 187
Stamataki, S., 53

Tassios, D., 53, 187
Tucker, S.A., 267
Tzouvaras, N., 187

Valero, J., 227

Wang, Q., 259
Wei, Y.S., 89
Wu, C.S., 3
Wu, J., 121

Yi, S.Z., 101
Yoon, J.H., 237

Zhao, Z.G., 101
Zvaigzne, A.I., 267

0378-3812/94/$07.00 © 1994 – Elsevier Science B.V. All rights reserved